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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 10/749,119-Conf. #3286

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| Filing Date | December 30, 2003 |
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| First Named Inventor: | Richard L. BOYD |
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| Art Unit | 1633 |
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| Examiner Name | Q. J. Li |
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Attorney Docket Number 0286336 00152US1 NDR-013CP2

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

| Examiner's Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patente or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant; Passages Or Relevant Figures Appear | Y ^a |
|----------------------|-----------------------|---|------------------|--|--|----------------|
| | | Country Code*, Number*, Kind Code* (If Known) | MM-DD-YYYY | | | |
| | BA | WO-03/051272 | 06-26-2003 | Yeda Res & Dev et al. | | |
| | BB | WO-02/30259 | 04-18-2002 | Boyd | | |
| | BC | WO-96/06642 | 03-07-1996 | The General Hospital Corporation | | |
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EXAMINER. Initial review is conducted, whether or not citation is in conformance with MPEP 609. Draw line through citation 8 in conformance and not examined. Initial copy of this form with next communication to applicant. * CITE NO.: Those applications/claims which are marked with a single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.812(a)(2)(ii)) because that application was filed after 03/01/90, 2003 or is available in the SW. Applicant's unique citation designation number (optional). * See Guide Code of USPTO Patent Documents at www.uspto.gov or MPEP 601(a). * From Office that issued the application (e.g., USPTO, ST-3). * If the application is a foreign filing, the indication of the year of the WIPO Convention must be included in the number of the parent document. * Use abbreviations for appropriate symbols as indicated under the right-hand column of the ST-100. * Applicants to place a check mark next to English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet **2** of **3****Complete if Known**

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| Art Unit | 1633 |
| Examiner Name | Q. J. Li |
| Attorney Docket Number | 0286336.00152US1 NOR-013CP2 |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-------------------|-----------------------|---|----------------|
| CA | | AUSTIN, Timothy W. et al., "Long-term Multilineage Expression in Peripheral Blood from a Moloney Murine Leukemia Virus Vector After Serial Transplantation of Transduced Bone Marrow Cells," Blood, Volume 95, Number 3, February 1, 2000, pages 829-836 | |
| CB | | MUSEY et al., "Cytotoxic T Cell Responses, Viral Load, and Disease Progression in Early Human Immunodeficiency Virus Type 1 Infection," New England Journal of Medicine, Vol. 337, 1997, pages 1267-1274 | |
| CC | | NAKANISHI et al., "Cytotoxic T Cell Function in Fish," Developmental and Comparative Immunology, Vol. 26, 2002, pages 131-139 | |
| CD | | DEANESLY et al., "The Structure and Development of the Thymus in Fish, with Special Reference to Salmo Fario," Journal of Cell Science, Vol 281, 1927, pages 113-145 | |
| CE | | IMANISHI, Masaaki, "Induction of Tolerance by Intrathymic Injection of Donor Bone Marrow Cells and Its Mechanism," March 11, 1996, 9 pages | |
| CF | | BRAAK, H., "Stages in the Development of Parkinson's Disease-Related Pathology," Cell Tissue Res. Vol. 318, pages 121-134 | |
| CG | | RINGHEIM, G.E., "Brain Inflammation, Cholesterol, and Glutamate as Interconnected Participants in the Pathology of Alzheimer's Disease," Current Pharmaceutical Design, Vol. 12, 2002, pages 719-738 | |
| CH | | HUDSON VM, "Rethinking Cystic Fibrosis Pathology: The Critical Role of Abnormal Reduced Glutathione Transport caused by CFTR Mutation," Free Radical Biology and Med. Vol. 30, 2001, pages 1440-1467 | |
| CI | | LIPSCOMB, et al., "Alterations in Bone-Marrow Cellularity Following Thymectomy in Rats," Experientia, 35:1401-1402, 1979 | |
| CJ | | COLE-STAUBS, A., "Correction of the Mutation Responsible for Sickle Cell Anemia by an RNA-DNA Oligonucleotide," 1996, Science, Vol. 273, pages 1386-1389 | |

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| Examiner Signature | Date Considered |
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| | | First Named Inventor | Richard L. BOYD |
| | | Art Unit | 1633 |
| | | Examiner Name | Q. J. Li |
| Sheet | 3 | of | 3 |
| | | Attorney Docket Number | 0286336.0015 US1 NOR-013CP2 |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | CK | BOJAK et al., "The Past, Present, and Future of HIV-Vaccine Development: A Critical Review," DDT 7:36-40, 2002 | |
| | CL | MWAU et al., "A Review of Vaccines for HIV Prevention," J. Gene Med. 5:3-10, 2003 | |
| | CM | DESROSIERES, R.C., "Prospects for an AIDS Vaccine," Nature Med. 10:221-223, 2004 | |
| | CN | PANTALEO et al., "Correlates of Immune Protection in HIV-1 Infection: What We Know, What We Don't Know, What We Should Know," Nature Med. 10:806-810, 2004 | |
| /qjl/ | CO | KONG, Fan-Kun et al., "Reversible Disruption of Thymic Function by Steroid Treatment," The Journal of Immunology, Copyright 2002 by The American Association of Immunologists, Inc., pages 6500 - 6505 | |
| Duplicate 4/6/09 | CP | COOPER, Max D., et al., "The Functions of the Thymus System and the Bursa System in the Chicken," Pillars of Immunology, The Journal of Experimental Medicine, Vol. 123, 1966, 35 pages | |
| | CQ | KONDO, Yasuhiro et al., "Effects of Estrogen Treatment During the Embryonic Period on Chick Antibody Production," Journal of Poultry Science, 41: 85-93, 2004 | |
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